INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
( Not for submission under 37 CFR 1.99)

Application Number		10571991
Filing Date		2006-03-15
First Named Inventor	Berna	ard Barlaam
Art Unit		1624
Examiner Name	Doug	las M. Wills
Attorney Docket Number		09963,0008

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	1	2001/19788	wo	A2	2001-03-22	COR Therapeutics, Inc.	(Submitted in 3 parts)	
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	3	2001/32155	wo	A2	2001-05-10	The University of Manchester		
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	5	2002/05791	wo	A2	2002-01-24	Pharmacia & Upjohn S.P.A.		
	6	2002/17712	wo	A2	2002-03-07	FMC Corporation	(Submitted in 2 parts)	

	7	2002/20020	wo	A1	2002-03-14	Pharmacia & Upjohn, S.P.A.		
	8	2002/30358	wo	A2	2002-04-18	Tularik, Inc.		
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	10	2003/097086	wo	A2	2003-11-27	Technische Universität Munchen	(Submitted in 2 parts)	
	11	2003/097615	wo	A1	2003-11-27	Scios, Inc.	(Submitted in 2 parts)	
	12	2003/099276	wo	A1	2003-12-04	Bristol-Myers Squibb Company	(Submitted in 7 parts)	
	13	2004/010929	wo	A2	2004-02-05	Scios, Inc.		
	14	2004/072038	wo	A1	2004-08-26	Verlex Pharmaceuticals, Inc.		
	15	2004/085385	wo	A2	2004-10-07	Schering Corporation		
	16	2004/096224	wo	A2	2004-11-11	Boehringer Ingelheim International GmbH		
	17	2005/001053	wo	A2	2005-01-06	Waksal et al.		

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	18	2005/003325	wo	A2	2005-01-13	Dana Farber Cancer Institute		
	19	2005/016347	wo	A1	2005-02-24	Pfizer Products, Inc.		
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	2	ALFEREZ ET AL. "Inhibiting Signaling by erbB Receptor Tyroone Kinases with AZD8931, a Potent Reversible small Molecule Inhibitor, Reduces Intestinal Adenoma Formation in the ApcMin* Mouse Moder". EORTC-NCI-AACR (2010). Po						
	3	BLOWERS "AZD8931". MEETING (2011), Santa				S OF THE TREATMENT O	F LUNG CANCER	
		CRISTOFANILLI ET AL. "Exploratory Subset Analysis According to Prior Endocrine Treatment of Two Randomized						

Hormone Receptor-Positive (HR+) Metastatic Breast Cancer (MBC)\*. J CLIN ONCOL (2009), Vol. 27, 15s, Abstract

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	5	HICKINSON ET AL. "AZDB931, an Equipotent Reventable Inhabitor of Signaling by Epidermal Growth Factor Receptor, ERBIS (HER2) and EBBSS: A Uniques Appart for Simultaneous ERBIS Receptor Blockade in Cancer", CLIN. CANCER RES. (2010), Vol. 16, No. 4, 1199-1169	
	6	KEILHOLZ ET AL. "Phase I Dose-Finding Study of Monotherapy with AZD8931, an Inhibitor of erbB1, 2 and 3 Sgnaling, in Patients with Advanced Solid Turrors". J CLIN ONCOL. (2011), Vol. 29, Abstract 3097	
	7	KEILHOLZ ET AL. "Phase I Dose-Finding Study of Monotherapy with AZD8931, an Inhibitor of erbB1, 2 and 3 Signaling, in Patients with Advanced Solid Tumors". ASCO (2011), Poster	
	8	KLINOWSKA ET AL. "AZD8931, an Equipotent, Reversible Inhibitor of etb81, etb82 and etb83 Receptor Signaling: Characterisation of Pharmacological Profile". EUROPEAN JOURNAL OF CANCER SUPPLEMENTS (2009), Vol. 7, No. 2, 127	
	9	LOPEZ-MARTIN ET AL. "Phase I Dose-Finding Study of AZD8931, an Inhibitor of erbB1, 2 and 3 Receptor Signaling, in Combination with Pacifizers". J CLIN. ONCOL. (2011), Vol. 29, Abstract 3105	
	10	LOPEZ-MARTIN ET AL. "Phase I Dose-Finding Sludy of AZD9931, an Inhibitor of erbB1, 2 and 3 Receptor Signaling, in Combination with Pacifaxer". ASCO (2011), Poster	
	11	MARSHALL ET AL. "Evaluation of AZD8931, an Equipotent Inhibitor of erb81, erb82 and erb83 Receptor Signaling, on Ligand Simulated Breast Cancer Cell Lines with Officing Levels of erb82 Expression". SABCS (2009), Abstract 5069	
	12	NORMANNO ET AL. "Target-based therapies in breast canoer: current status and future perspectives". ENDOCR RELAT CANCER (2009), Vol. 16(3): 675-702	
	13	SPEAKE ET AL. "Characterization of AZD8931, a Potent Reversible Small Molecule Inhibitor Against Epidermal Growth Factor Receptor (EGPR), Enythroblastic Leukerna Wrad Oncogene Homolog 2 (HER2) and 3 (HER3) with a Unique and Balanced Pharmacological Profile*. J CLIN. ONCOL. (2009), Vol. 27, 15s, Alstract 11072	
	14	United States Court of Appeals for the Federal Circuit, Cenelics Institute, LLC v. Novartis Vaccines and Diagnostics, Inc., 2010-124, Appeal from the USDC for the District of Delaware in Case No. 08-CV-0230, Judge Sue L. Robinson, Decided August 23, 2011	
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(NOTION Submission under 57 GFR 1.33)	Examiner Name Doug		glas M. Willis	
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#### CERTIFICATION STATEMENT

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- See attached certification statement.
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•			
Signature	/Robert N.Young/	Date (YYYY-MM-DD)	2011-09-15
Name/Print	Robert N. Young	Registration Number	48412

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